

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/001975

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ H04H1/00, H04N7/173, G11B15/02, G11B27/00 According to International Patent Classification (IPC) or to both national classification and IPC														
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) Int.Cl ⁷ H04H1/00, H04N7/173, G11B15/02, G11B27/00 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2005 Kokai Jitsuyo Shinan Koho 1971-2005 Jitsuyo Shinan Toroku Koho 1996-2005 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)														
C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X</td> <td>JP 8-214282 A (Seiko Epson Corp.), 20 August, 1996 (20.08.96), Par. Nos. [0018] to [0037], [0046] to [0061]; Figs. 1, 4, 5, 9, 10 (Family: none)</td> <td>1-4, 6, 9, 10 5, 7, 8</td> </tr> <tr> <td>Y</td> <td>JP 2002-142197 A (NEC Corp.), 17 May, 2002 (17.05.02), Par. No. [0022] (Family: none)</td> <td>5, 7</td> </tr> <tr> <td>Y</td> <td>JP 10-177532 A (Access Co., Ltd.), 30 June, 1998 (30.06.98), Par. Nos. [0054] to [0058]; Fig. 2 (Family: none)</td> <td>8</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	JP 8-214282 A (Seiko Epson Corp.), 20 August, 1996 (20.08.96), Par. Nos. [0018] to [0037], [0046] to [0061]; Figs. 1, 4, 5, 9, 10 (Family: none)	1-4, 6, 9, 10 5, 7, 8	Y	JP 2002-142197 A (NEC Corp.), 17 May, 2002 (17.05.02), Par. No. [0022] (Family: none)	5, 7	Y	JP 10-177532 A (Access Co., Ltd.), 30 June, 1998 (30.06.98), Par. Nos. [0054] to [0058]; Fig. 2 (Family: none)	8
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.														
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Date of the actual completion of the international search 04 April, 2005 (04.04.05)		Date of mailing of the international search report 19 April, 2005 (19.04.05)												
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2001-125914 A (Sony Corp.), 11 May, 2001 (11.05.01), Full text & EP 1096392 A2 & CN 1304108 A	1-10
A	US 6317784 B1 (Radio Wave.com, Inc.), 13 November, 2001 (13.11.01), Full text & WO 2000/019662 A1 & AU 9963897 A	1-10
A	JP 8-102922 A (Sony Corp.), 16 April, 1996 (16.04.96), Par. Nos. [0183] to [0184]; Fig. 19C & EP 705036 A2 Page 18, left column, lines 36 to 58; Fig. 19C & US 5686954 A & CN 1130843 A & KR 96012939 A & TW 275739 A	1
A	JP 10-290441 A (Kabushiki Kaisha Daiichi Kosho), 27 October, 1998 (27.10.98), Abstract (Family: none)	1
A	JP 2000-269904 A (Victor Company Of Japan, Ltd.), 29 September, 2000 (29.09.00), Abstract (Family: none)	1
A	JP 10-336534 A (Sony Corp.), 18 December, 1998 (18.12.98), Par. No. [0034] to [0066] (Family: none)	2
A	JP 11-27622 A (Sony Corp.), 29 January, 1999 (29.01.99), Par. Nos. [0032] to [0039] (Family: none)	2
A	JP 2001-144699 A (Sharp Corp.), 25 May, 2001 (25.05.01), Par. Nos. [0018] to [0029] (Family: none)	2
A	JP 9-214870 A (Matsushita Electric Industrial Co., Ltd.), 15 August, 1997 (15.08.97), Abstract (Family: none)	2

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Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2003/015408 A1 (KONINKLIJKE PHILIPS ELECTRONICS N.V.), 20 February, 2003 (20.02.03), Abstract & JP 2004-538725 A Abstract & EP 1417836 A1 & US 2003/0051246 A1 & KR 2004026703 A	5,7
A	JP 11-504171 A (STARSIGHT TELECAST INC.), 06 April, 1999 (06.04.99), Page 14, line 27 to page 15, line 10; Fig. 1A & WO 1996/033572 A1 Description; page 7, line 24 to page 8, line 2; Fig. 1A & EP 1091574 A1	5,7
A	WO 2000/052928 A1 (INDEX SYSTEMS INC.), 08 September, 2000 (08.09.00), Description; page 9, line 30 to page 10, line 20; Fig. 8 & JP 2003-518342 A Par. Nos. [0044] to [0047]; Fig. 8 & EP 821856 A1 & US 5550576 A & AU 9654439 A & CN 1344466 A & TW 341743 A & KR 99007835 A & MX 9708839 A	5,7
A	JP 8-275077 A (Sony Corp.), 18 October, 1996 (18.10.96), Par. No. [0123]; Fig. 22 & US 5808694 A Column 17, lines 8 to 16; Fig. 22	5,7
A	JP 2003-208369 A (Victor Company Of Japan, Ltd.), 25 July, 2003 (25.07.03), Par. Nos. [0018], [0020] to [0022]; Figs. 3, 6 (Family: none)	8
A	JP 5-284480 A (Fujitsu General Ltd.), 29 October, 1993 (29.10.93), Abstract (Family: none)	8

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